USB Phone

User’s Manual

Safety Instructions

Always read the safety instructions carefully

- Keep this User's Manual for future reference
- Keep this equipment away from humidity
- If any of the following situation arises, get the equipment checked by a service technician:
  - The equipment has been exposed to moisture.
  - The equipment has been dropped and damaged.
  - The equipment has obvious sign of breakage.
  - The equipment has not been working well or you cannot get it work according to User's Manual.

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About User's Manual

This user's manual and the provided application on the CD are based on Skype 2.0. As Skype upgrades occasionally, for the application compatible with the latest Skype version, please contact your supplier.

March 2006, Rev1.1

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1. Introduction

This USB phone provides you more convenience to make free call over the Internet from PC to PC anywhere as easy as using normal telephones. Simply plug the USB phone into the USB port of your PC, download Internet telephony software like Skype®, and you can start making calls. You can easily access the net and connect your friends, family members or colleagues. The phone is fully compatible with Skype for voice communication. It's designed similar to a mobile phone with quick dial and volume control buttons.

Package Contents

- USB Phone x1
- USB Cable x1
- Software Utility CD* x1
- Quick Installation Guide x1

* The provided application and User's Manual on the CD are based on Skype 2.0. As Skype upgrades occasionally, for the application compatible with the latest Skype version, please contact your supplier.

System Requirements

- Computer with an available USB port
- To use Skype with the USB phone, your computer must meet the following minimum system requirements*:
  - PC running Windows® 2000 or XP.
  - 400 MHz processor
  - 128 MB RAM
  - 15 MB free disk space on your hard drive
  - Internet Connection

* The requirements are subject to Skype software. For the latest requirements, please visit the Skype website.

Features

- Compatible with VoIP (Voice over Internet Protocol) solution such as Skype
- Built-in hot-key functions to operate Skype software as easy as dialing a normal telephone
- Built-in speaker and microphone
- As compact as a mobile phone, easy to carry
- Echo-cancellation for better sound quality
- Selectable ring tones for incoming call alert
- Supports multiple languages
- As a speaker to broadcast music from PC
- LCD to display caller ID, contact list and calling list
- Compliant with USB 1.1 specification
- Bus-powered, no additional power adapter required

Exterior Overview

Keypads and Controls

Icon	Function	Description
S	Skype on/ Tab Switch	Press briefly to open the Skype window and switch between tabs. Long press to close the Skype window.
HOLD	Hold	Places a call on hold. Pressing it again resumes the call.
	Dial/Answer/ Enter	Dials, answers or redials a call.
	Hang Up/ Reject/Clear	Ends or rejects a call. Returns to LCD main screen. When dialing via the device keypad: Press briefly to clear a wrong entered number. Long press to clear all the entered numbers at a time.
	Scroll Up/Down	Moves up and down in Skype contact list and calling list.

Icon	Function	Description
	Contact List	Displays contact list.
	Calling List	Displays calling list.
0~9, +, #, *	Dial pad.	Dial pad. If Skype is closed, pressing it will open Skype window. Long pressing 0 will enter “+”.
Vol + / –	Volume Up/Down	Increases/decreases the speaker volume.
	Mute	Mutes the microphone. Pressing it again turns mute off.
	USB Connector	USB 1.1 compliant Mini B type female connector

* The keys shown above are for reference only. Actual color and appearance depends on your model.

2. Hardware Installation

Connect one end of the provided USB cable to the USB phone and the other end to your computer's USB port. When connected to your computer, Windows will automatically detect the new device.

Under Windows XP/2000, you don't need to install the driver. The system will automatically install Windows built-in audio driver. If prompted to restart the computer, click **Yes**. After that, you are ready to use the USB phone.

3. Application Installation

To use Skype with the USB phone in Windows 2000/XP, please follow the instructions in this chapter to complete the installation.

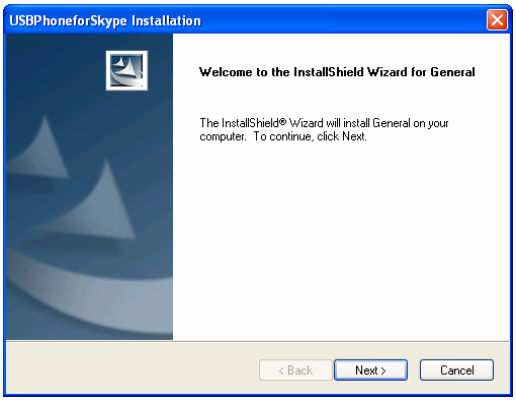
Installing Skype Software

1. If Skype is not yet installed on your computer, please download Skype installation file from **www.skype.com**.
2. Double-click the installation file you've downloaded and then follow the on-screen prompts to complete the installation.

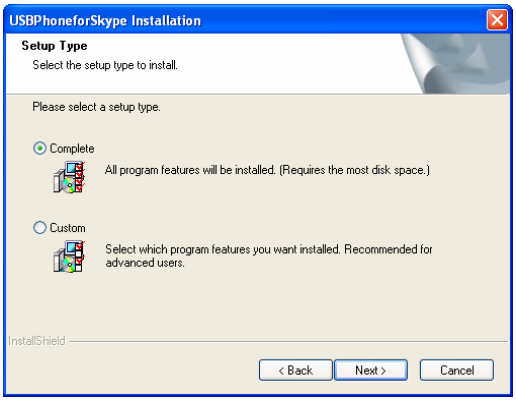
Installing the USB Phone Application

The provided application is a tool that enables your USB phone to communicate with Skype. You have to install the application so that the USB phone can access Skype functionality.

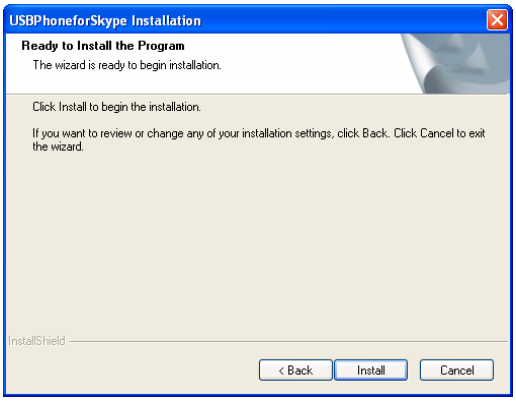
1. Insert the provided Software Utility CD into your CD-ROM drive. The setup program will start automatically. If not, locate and double-click the **Setup.exe** file in **Software** folder to launch the setup program.
2. When the welcome screen appears, click **Next**.


USBPhoneforSkype Installation
Welcome to the InstallShield Wizard for General
The InstallShield® Wizard will install General on your computer. To continue, click Next.
< Back
Next >
Cancel

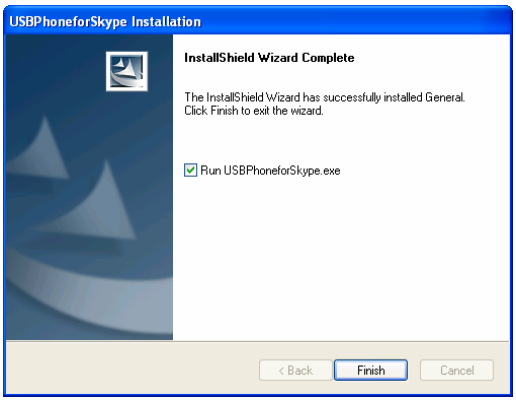
3. Select a setup type as required and then click **Next**.


USBPhoneforSkype Installation
Setup Type
Select the setup type to install.
Please select a setup type.
Complete
All program features will be installed. (Requires the most disk space.)
Custom
Select which program features you want installed. Recommended for advanced users.
InstallShield
< Back
Next >
Cancel

4. Click **Install** to begin the installation.

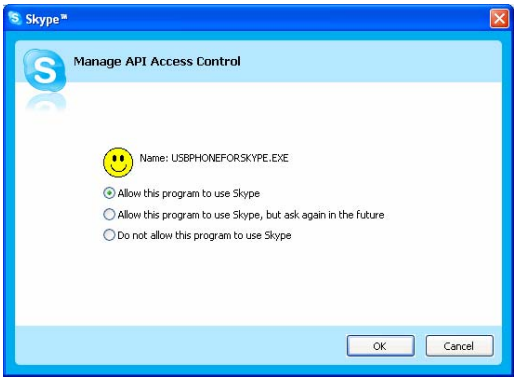

USBPhoneforSkype Installation
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

5. Click **Finish** to complete the installation.

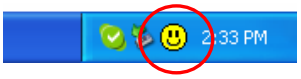


6. If Skype is launched, the following screen will appear, select **Allow this program to use Skype** and click **OK**.

Note: You will not see this screen if Skype is not lanuched. You can configure it later in Skype window. Refer to “Managing Application Access to Skype” on page 7 for details.


Skype™
Manage API Access Control
Name: USBPHONEFORSKYPE.EXE
Allow this program to use Skype
Allow this program to use Skype, but ask again in the future
Do not allow this program to use Skype
OK
Cancel

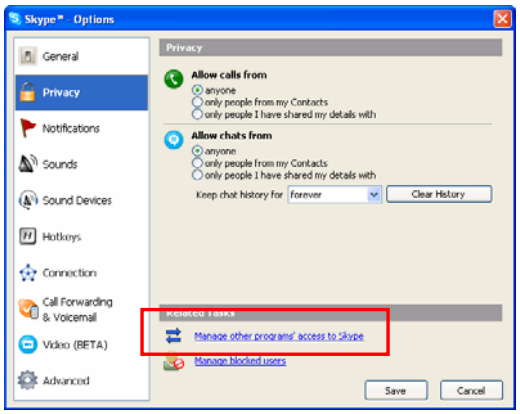
7. After the installation, the application starts automatically with its icon located in the system tray. It also starts automatically at system startup.



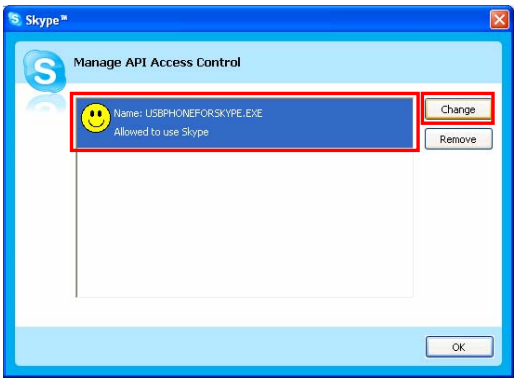
Managing Application Access to Skype

You should always let your application use Skype so that you can use the USB phone. If you accidentally select the **Do not allow this program to use Skype** option, open Skype window and take these steps:

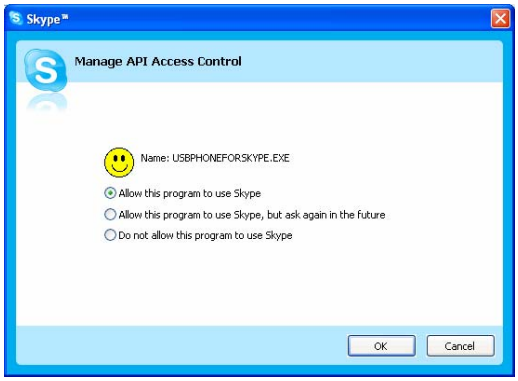
1. Click **Tools** > **Options** > **Privacy** > **Manage other program’s access to Skype**.



2. Select **USBPHONEFORSKYPE.EXE** and click **Change**.



3. Re-select a proper option to let the provided program access Skype.

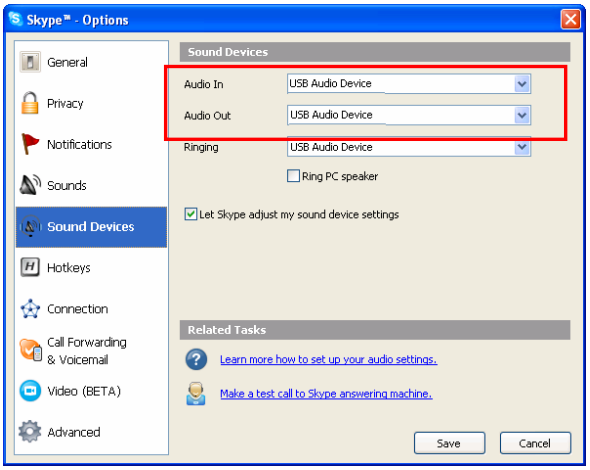

Skype™
Manage API Access Control
Name: USBPHONEFORSKYPE.EXE
Allow this program to use Skype
Allow this program to use Skype, but ask again in the future
Do not allow this program to use Skype
OK
Cancel

4. Re-start the application to active your changes. Right-click the application systray icon and choose **Exit**. Then click **Start** > **USBPhoneforSkype** to restart the application.

Verifying Skype Audio Device

When the USB phone is plugged, it should be automatically set as Skype's default audio devices.

To verify the audio setting in Skype, click **Tools** > **Options** > **Sound Devices**. Make sure the **Audio In** (microphone) and **Audio Out** (speaker) and are correctly configured to use the USB phone.



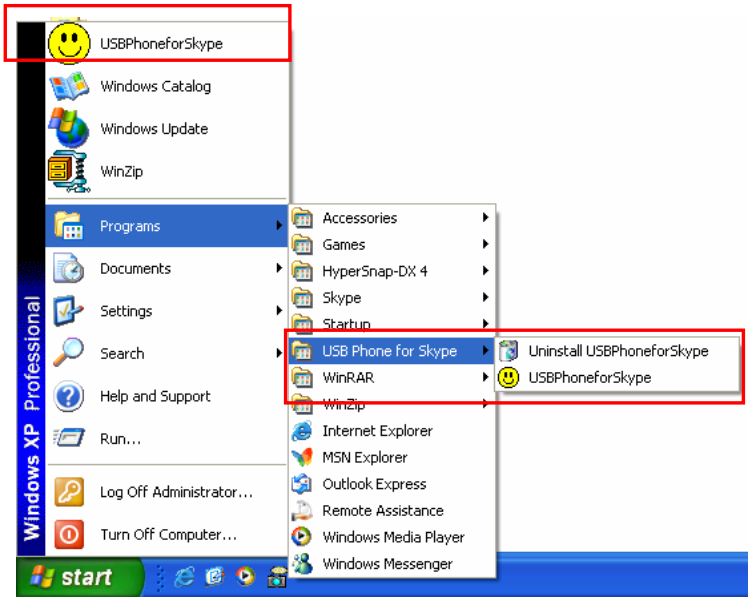
4. Using Application Control Panel

The USB Phone application comes with a control panel allowing users to adjust USB phone settings as required. This chapter describes the functions available through the application control panel. Since the default settings satisfy most users' needs, you can just proceed to next chapter to start using the USB phone.

Accessing the USB Phone Application

After the application installation, a program group is added to Windows programs menu. Using the programs menu, you can perform these tasks:

- If the application is closed, you can restart it by selecting **Start** > **USBPhoneforSkype**.
- Uninstall the application by selecting **Start** > **Programs** > **USB Phone for Skype** > **Uninstall USBPhoneforSkype**.



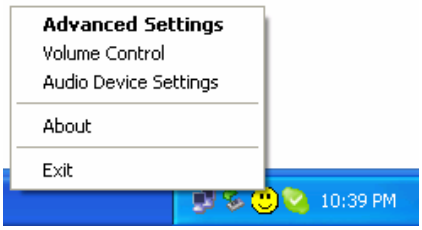
After the installation, the application also starts automatically with its icon located in the system tray. It also starts automatically at system startup.

Viewing Connection Status

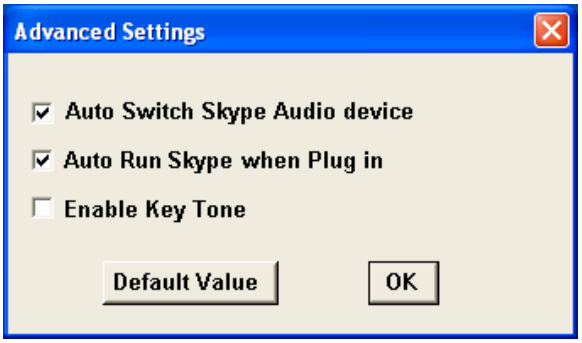
Place the cursor over the application systray icon and you can view the connection status of the your USB phone and Skype. Make sure both are connected as the following picture indicates.

Using the Application Control Panel

Right-clicking the application icon in the system tray brings out a context menu. The configurations you can make are describes as follows.



Advanced Settings



- **Auto Switch Skype Audio Device**

  Enabled: When the USB phone is plugged, the phone will be automatically set as Skype's default audio devices. When unplugged, Skype's audio device automatically switches to Windows default audio device, e.g., your sound card.

  Disabled: Skype will use Windows default audio device unless you manually specify your USB phone via **Tools** > **Options** > **Sound Devices**.

- **Auto Run Skype when Plug in**

  When enabled, if Skype is not activated, plugging the USB phone will launch Skype and automatically log you in.

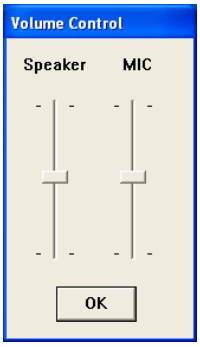
- **Enable Key Tone**

  The USB phone's key tone is disabled by default. You can check this option to enable the key tone function.

To reset the settings on this tab to the defaults, click the **Default Value** button.

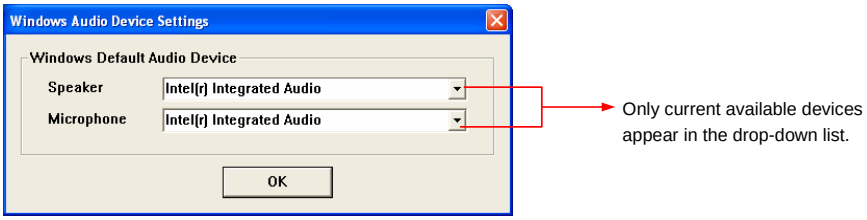
Volume Control

This item allows you to adjust the USB phone's speaker and microphone volume.



Windows Audio Device Settings

This dialogue box controls which audio device is used by Windows. It is a shortcut to Windows audio device settings under Control Panel. The screenshot below indicates a default setting, which allows Windows to still use the sound card for PC music playback when a USB phone is plugged. If you prefer to use your sound card for PC music playback, it's suggested that you keep the defaults.



If USB phone (USB Audio Device) is selected, Windows will use it for music placback/recording. Once the USB phone is unplugged, Windows turns to use current available audio devices, e.g., the sound card, instead.

View Version Information

To view the version information, right-click the systray icon and choose **About**.

* Actual version depends on your USB phone.

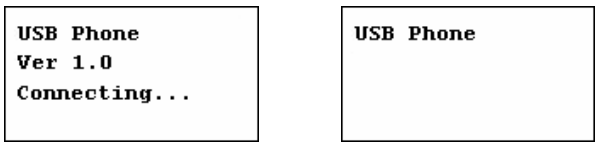
Exit USB Phone Application

To exit the application, right-click the application systray icon and choose **Exit**.

5. Using the USB Phone with Skype

Connecting the USB Phone

When the USB phone is connected to a powered-on computer, the LCD backlight will turn on and the device will start to connect to the installed application. When the connection is established, **USB Phone** is displayed indicating the device is ready for use.



* Actual version depends on your USB phone.

Note: If **Connecting…** keeps showing on the display in Windows XP/2000, the device might have a problem communicating with Skype. Refer to the "Troubleshooting" section to solve this problem.

Calling a Skype User

Prerequisites

To call a Skype user, you have to launch Skype and log in to Skype. And you should have added desired Skype user(s) to your contact list. Then take the steps below to call a Skype user:

Loading the Contact List on LCD Panel

1. Press the **Contact List** key to load the Skype contact list.
   Only one contact is displayed at a time. The top-right icon indicates the online status of the contact. ☑ means online while ☒ means offline.
2. Scroll with **Scroll Up** / **Down** to reach the desired contact. You can keep pressing **Scroll Up** / **Down** to quickly scroll through the list. (To exit the contact list, press the **Contact List** key again or press the **Hang Up** key.

3. To call current contact, just press the **Dial** key. While establishing the communication, the screen is as below.

4. When the call is answered, appears on the screen. You can start the communication now. To end the call, press the **Hang Up** key.

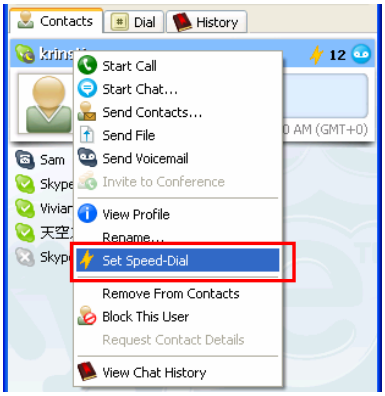
Using the Contact List on Skype Window

1. Press the **Skype On** key to open the Skype window (if not open) and switch to the **Contacts** tab.
2. Select your target contact. You can use mouse or the **Scroll Up / Down** key on the USB phone to scroll through the contact list.
3. Press the **Dial** key to call the desired contact. To end the call, press the **Hang Up** key.

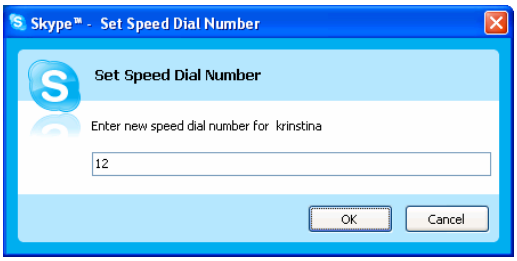
Speed Dialing

To use the speed dialing function, you should assign the speed dial number to your target contact via Skype window first.

1. In Skype window, go to the **Contacts** tab and select your desired contact. Right-click the contact and select **Set Speed-Dial**.



2. Assign a number as a speed dial number using your keyboard.

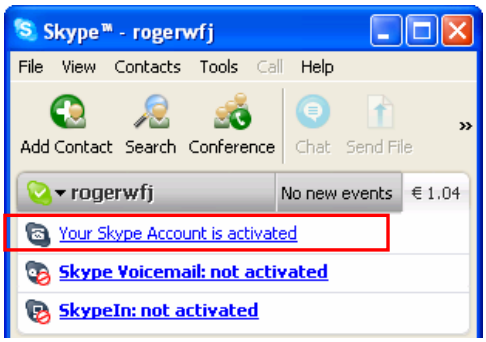


Once the speed dial number is assigned, just use the USB phone's keypad to dial the number and then press the **Dial** key to make the call.

Using SkypeOut to Call Regular Phones

SkypeOut allows you to place calls to regular telephones or mobile phones. This feature allows you to call from Skype to friends who are not using computers but still use regular phones.

To use SkypeOut, you should buy SkypeOut credits first. Please visit Skype website for instructions. After you have purchased SkypeOut credits, your account information should be displayed in the Skype window.



Making a SkypeOut Call

To make a SkypeOut call, you must enter the number in the following way (whether for domestic or international calls):

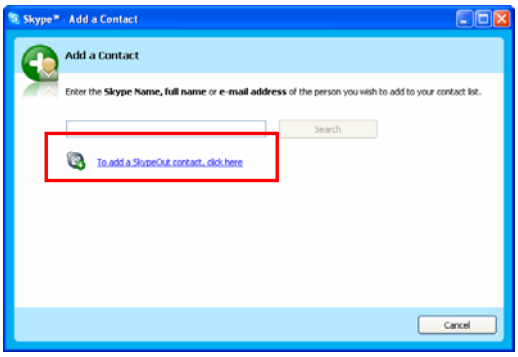
"00" or "+"	+	Country Code	+	City Code (omit 0 if applicable)	+	Phone Number	+ **Dial** key

Example 1: Placing a USA domestic call 222-5551234.
00-1-222-5551234 or +1-222-5551234

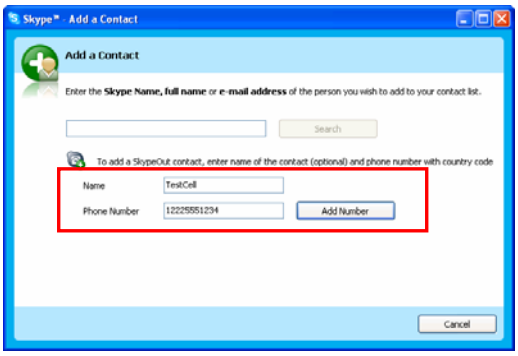
Example 2: Calling China (010-12345678) from USA.
00-86-10-12345678 or +86-10-12345678 (*Omit the preceding 0 from the local code)

Saving a SkypeOut Contact

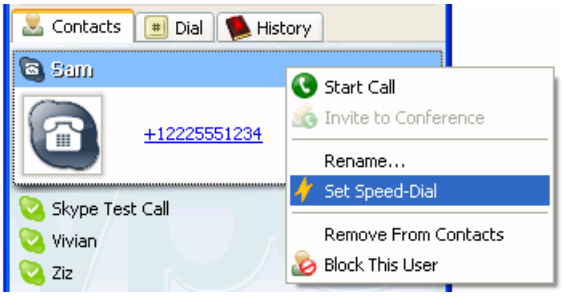
1. To save a SkypeOut number, click **Contacts** > **Add a Contact**.
2. Click the item for adding a SkypeOut contact.


Skype™ - Add a Contact
Add a Contact
Enter the Skype Name, full name or e-mail address of the person you wish to add to your contact list.
Search
To add a SkypeOut contact, click here
Cancel

3. Type in a name or description for this phone number and enter the phone number. Then click **Add Number**. (No need to enter "**+**" or "**00**" before the actual number; Skype will automatically add it to make it SkypeOut compatible.)

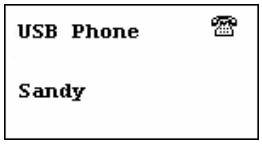

Skype™ - Add a Contact
Add a Contact
Enter the Skype Name, full name or e-mail address of the person you wish to add to your contact list.
Search
To add a SkypeOut contact, enter name of the contact (optional) and phone number with country code
Name
TestCell
Phone Number
12225551234
Add Number
Cancel

After adding the SkypeOut number to your contacts list, you can also assign a speed-dial number to the contact.

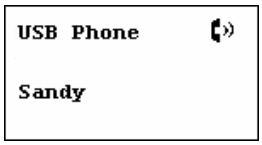


Answering a Call

On an incoming call, the USB phone will be ringing and the LCD backlight will flash with the caller ID displayed (if available).



Press the **Dial** key to answer the call. To end a call, press the **Hang Up** key.

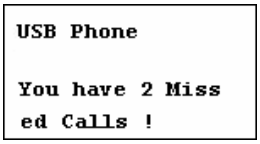


Ending / Rejecting a Call

To end or reject a call, press the **Hang Up** key.

Missed Calls

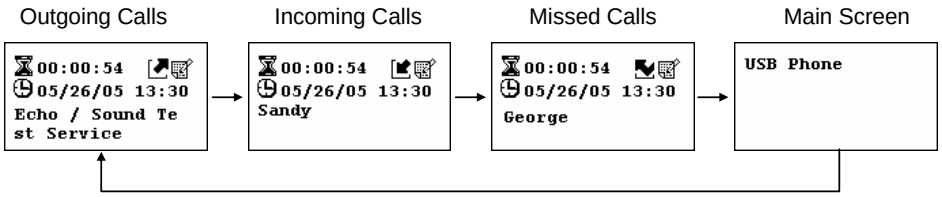
In case you have missed calls, the LCD will display a message of missed calls.



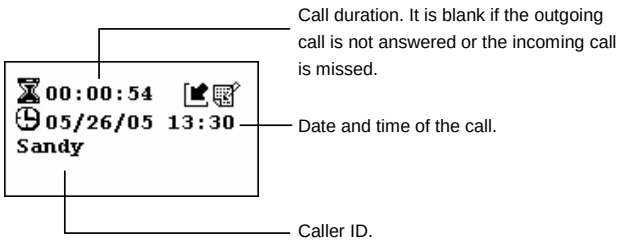
To view details of missed calls, press the **Calling List** key repeatedly until the list of missed calls (📥) is displayed.

Loading Calling List

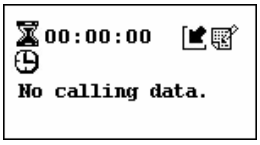
Pressing the **Calling List** key allows you to load the calling list. You can press the **Calling List** key repeatedly to switch between the list of outgoing calls (📤), incoming calls (📥, including rejected calls), missed calls (📥) and main screen. Most recently dialed or received call is displayed first.



An incoming call record example is as below:


Call duration. It is blank if the outgoing call is not answered or the incoming call is missed.
00:00:54
05/26/05 13:30
Sandy
Date and time of the call.
Caller ID.

The screen below indicates an empty incoming calls list example.



At the calling list screen, you can:

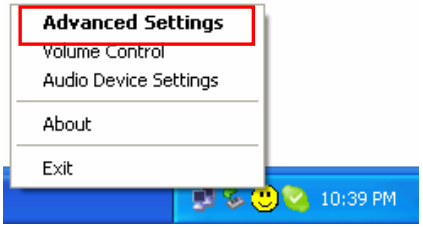
- Use the **Scroll Up** / **Down** key to scroll through the list. You can keep pressing **Scroll Up** / **Down** to quickly scroll through the list.
- Press the **Dial** key to call the contact being displayed.
- Press the **Hang Up** key to exit the calling list and returns to LCD main screen.

Adjusting Speaker Volume

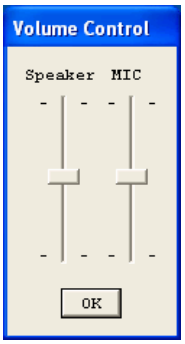
During your conversation, you can press the **Volume Up** or **Volume Down** key to increase or decrease the speaker volume.

To specifically adjust the volume or examine current volume level:

1. Right-click the application systray icon and select **Volume Control**.



2. Adjust the volume by moving the slider up or down. You can do this by mouse/keyboard or by pressing the **Volume Up** or **Volume Down** key on the USB phone.



Adjusting Microphone Volume

1. Right-click the application icon in the system tray and select **Volume Control**.
2. Click the MIC slider and then use the mouse/keyboard to adjust the volume by moving the slider up or down.

Muting

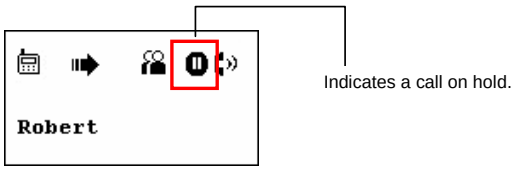
To mute the microphone during a call, press the key. When mute is on, a mute icon is displayed on the screen. To turn mute off, just press the key again.

Redialing

Press the **Calling List** key to load the last outgoing call and then press the **Dial** key.

Holding a Call

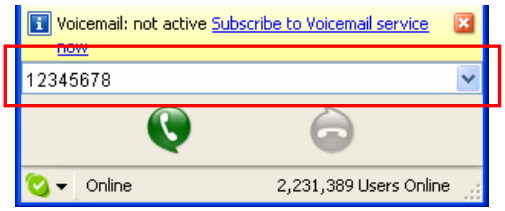
To place a call on hold, just press the **HOLD** key. A hold icon will be displayed. Pressing the **HOLD** key again can resume the call.



Clearing the Entered Numbers

To erase single character from end: When entering numbers, if needed, you can remove a single number from the end of the string at any time by briefly pressing the **Hang Up** key.

To erase all the entered numbers: To erase all the numbers from the Skype address bar at a time, long press the **Hang Up** key.



Selecting a Ring Tone

The USB phone comes with four kinds of built-in ring tones. Pressing the ♩ key will play the ring tone. To select a ring tone, just press ♩ repeatedly until the desired one is reached.

Skype Status and Response Mode

The USB phone's respond mode varies according to your Skype status as described in the table below:

Skype Status	USB Phone Ringer	USB Phone LCD Backlight
Offline	No Ring	No
Online	Ring	Flash
Skype Me	Ring	Flash
Away	Ring	Flash
Not Available	Ring	Flash
Do Not Disturb	No Ring	Flash
Invisible	Ring	Flash

6. Troubleshooting

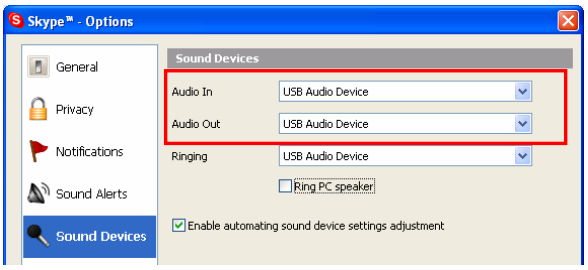
Sound Devices Problems

Q1. While using Skype for voice conversation:

- There is no dial tone after pressing the dial key.
- I cannot hear the other party on my USB phone.
- I hear the other party on my PC's sound card (or another USB speaker) instead of the USB phone.
- The other party cannot hear me.

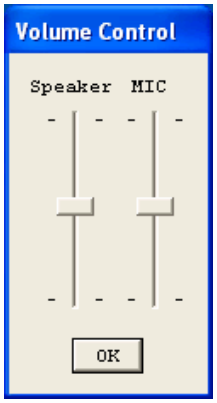
A1. Make sure your software is configured to use USB phone as the audio in/out device.

In Skype window, click **Tools** > **Options** > **Sound Devices**. Make sure the **Audio In** (microphone) and **Audio Out** (speaker) and are correctly configured to use **USB Audio Device**, i.e., the USB phone.



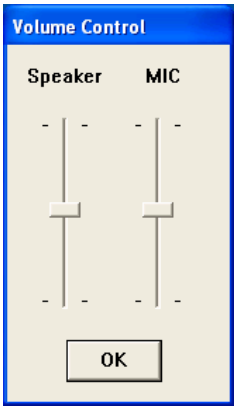
It's suggested that you enable **Auto Switch Skype Audio Device** in **Advanced Settings** of the application control panel. This ensures Skype always uses the USB phone whenever it is plugged.

If the USB phone is already selected, verify that the speaker/microphone volume is properly configured by right-clicking application systray icon and select **Volume Control**.



Q2. When using the USB phone, I didn't press the **Mute** key and the mute icon is not displayed on the LCD either. But the other party cannot hear my voice. (I've verified that the USB phone is set as the microphone device in Skype.)

A2. It may be that the USB phone's microphone volume is either mute or set too low. Right-click the application systray icon and select **Volume Control**. Then make sure the microphone volume is properly set.



Q3. While using the USB phone to make/answer a call in Skype, can I still play music by my PC's sound card or USB speaker?

A3. After you install the USB phone and application, Windows audio device should stay unchanged so that music playback still use the previous audio device, e.g., PC's sound card. If not, just set your preferred device as the Windows playback device as follows.

1. Right-click the application systray icon and select **Audio Device Settings**.
2. Select the sound card or USB speaker as the speaker. This ensures Windows to use the specified device for PC music playback.

Application Problems and Error Messages

Q4. Skype is launched. After I connect the USB phone:

- The LCD keeps displaying **Connecting…** and Skype has no response.
- When I press a key, the LCD turns to show **S/W Disabled** and Skype has no response.
- When I press the keypads, the USB phone responses but Skype doesn't.

A4. Verify the following:

1. Make sure you have installed the provided application and allow the application to use Skype. Refer to the section "Managing Application Access to Skype**"** on page 7 for instructions.
2. Make sure the application is launched. If not, click **Start** > **USBPhoneforSkype** and re-plug the USB phone. When the application is launched, its icon should appear in the system tray.

3. The phone's LCD should display **USB Phone** now, indicating it's ready for use.

Q5. I got a **Wrong Number** message on the LCD.

A5. It could be that you've dialed an invalid number.

Q6. I got an **Unknown User** message on the LCD when I press the **Contact/Calling List** key.

A6. The message appears due to that the USB Phone is still loading the list from Skype. This may occur if you press the **Contact/Calling List** key soon after you login to Skype or plug the USB Phone. As the USB Phone needs little time to load the data from Skype, wait a moment to let the USB Phone finish loading the list before you press the **Contact/Calling List** key to avoid this problem.

Q7. I got an **S/W Disable** message on the LCD and the USB Phone's speaker and microphone do not work.

A7. The **S/W Disable** message may appear if you hot unplug/plug the USB Phone while phoning. In this case, you should re-dial to make the communication again.

If speaker and microphone do not work after you re-plug the phone, it could be that Skype doesn't auto-switch its audio device to USB Phone. If so, in Skype

window, click **Tools** > **Options** > **Sound Devices** to verify the settings. Also make sure that you enable **Auto Switch Skype Audio Device** in **Advanced Settings** of the application control panel. This ensures Skype always uses the USB phone whenever it is plugged.

Q8. I got a Skype error "Problem with recording Device".

A8. This may occur if you hot unplug the phone while phoning. Avoid hot unplugging while phoning.

註解 [S1]: New paragraphs.

Other Problems

Q9. On the LCD, I loaded my target contact a few minutes ago but I didn't make the call. Later, since the LCD stays on that contact with an online indicator, I press the dial key trying to make a call but the call cannot be made.

Q9. It could be that the contact has gone offline during the time elapsed. You should return to the main screen and press the **Contact List** key again to refresh the contact list.

Q10. In Skype window, I've changed the sound alert to use a preferred wav file for an incoming call. But when USB Phone is ringing on an incoming a call, it still uses the phone's ring tone.

A10. Note that the ring tone is controlled on the device side while sound alerts on Skype side. When receiving a call, both ring tone and sound alert could be heard. The ring tone is heard from the buzzer (on the USB Phone's back) and is much louder. Your customized sound alert is heard from the phone's speaker.

Q11. I cannot use the USB phone with Skype in Windows 98/ME.

A11. Skype doesn't support Windows 98/ME. To use the USB phone with Skype under Windows, you should be under Windows 2000/XP. For the information on compatible operating system and system requirements, please visit the Skype website.

Q12. No caller ID is displayed when making a call.

A12. If you use the Skype window to call the target contact but the contact is offline, no caller ID will be displayed.

7. Specifications

Interface	USB 1.1 compliant Mini B type female connector
Response Frequency	100 Hz~15K Hz
Signal-To-Noise Ratio	90 dB
Receiver Output Impedance	50mW / 32 Ohm
Operating Voltage	DC 5V (Bus-Powered)
LCD	Resolution: 128x64 pixels
	Size: 32 x 19.7 mm
	Backlight: Blue
	Multiple Languages
Temperature	Operating: 0~40 °C Storage: -20~60 °C
Humidity (Non-Condensing)	Operating: < 90% Storage: < 95%
Ring Tone	4 selections

*Specifications are subject to change without notice.

8. Regulatory Compliance

FCC Conditions

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference

(2) This device must accept any interference received. Including interference that may cause undesired operation.

CE

This equipment is in compliance with the requirements of the following regulations:
EN 55 022: CLASS B

WEEE Information

For EU (European Union) member users:
According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.